

DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 12

CYCLONE: PHETHAI

TIME: 17/12/2018 14:00 IST

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| 1. | Name of the station | DWR VSK |
| 2. | Date and Time of Observation (UTC) | 0800 UTC |
| 3. | Name of the Cyclone | PHETHAI |
| 4. | Information about the eye of the Cyclone | |
| | a. Is the Eye Visible | No |
| | b. Shape of the Eye | Not clear |
| | c. Diameter of the Eye(km) | - |
| | d. Estimation of centre of the cyclone based on Eye/spiral band observation | 17.08 N / 82.54 E / 110 km from DWRVSK |
| | e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km) | 7km |
| | f. Maximum radar reflectivity (dBZ) & rainfall rate (mm/h) in the eye wall/spiral band region, its height (km) and position (azimuth and distance from the radar) | 38dBZ/96km from Radar/3km |
| | g. Maximum reflectivity at any other area (spiral/streamers etc) | 40dbZ/59km from Radar/4km |
| | h. Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar) | 22mps/42knots/62km/Height around 0.75km |
| | i. Maximum velocity in any other area (spiral / streamers / rain shields etc) | 25mps/48 knots |
| 5. | Tendency of the Cyclone | |
| | a. Intensity(Increasing/Decreasing) | Same |
| | b. Duration for which the information on movement pertains to | Half hour |
| | c. Direction of Movement | Towards North-NorthEast |
| | d. Estimated speed of Movement | 30 kmph |
| 6. | Any other Significant Feature | Centre value subjective approximation based on PPI(V) and Max(Z) Animation |
| 7. | Confidence | Very Poor |

Bibraj R
OFFICER IN CHARGE
DWR VISAKHAPATNAM